12. (New) A rotor disc as claimed in claim 11, in which the clearance is provided by mounting the laminations concentrically on the bolt in a radially spaced relationship.

13. (New) A rotor disc as claimed in claim 11, in which the laminations are bonded together to form a stack.

14. (New) A rotor disc as claimed in claim 13, in which the stack of bonded laminations is mounted concentrically on the bolt in a radially spaced relationship by the provision of insulated annular members at either end of the stack.

15. (New) A rotor disc as claimed in claim 14, in which the insulated annular members are recessed into either end of the stack.

16. (New) A rotor disc as claimed in claim 14, in which the insulated annular members are resilient.

17. (New) A rotor disc as claimed in claim 16, in which the annular members are formed from an elastomeric material.

18. (New) A rotor disc as claimed in claim 11, further comprising means provided on the bolt for compressing the laminated pole pieces.

19. (New) A rotor disc as claimed in claim 18, wherein the means for compressing the laminated pole pieces are resilient to maintain the correct compressive force on the laminated pole pieces throughout operation.

20. (New) A rotor disc as claimed in claim 19, wherein the means for compressing the laminated pole pieces comprise nuts and spring washers.